





Form PTO-1449	Serial Number Filed Herewith	Docket PD- 200336	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant Cocchi et al.		
(Use several sheets if necessary)	Filing Date Filed Herewith	Group 2132	

U.S. PATENT DOCUMENTS

	Document Number	Date	Name	Class	Sub Class
88	5,781,226	07/14/1998	Sheehan		
BB	6,154,819	11/28/2000	Larsen et al.	1	
BB	6,240,495	05/29/2001	Usui		7
ВВ	4,580,161	04/01/1986	Petrus et al.		<i>[</i>
BB	4,792,972	12/20/1988	Cook, Jr.		
₿₿	4,890,319	12/26/1989	Seth-Smith et al.		
βВ	4,908,834	03/13/1990	Wiedemer	V	
BB	5,237,610	08/17/1993	Gammie et al.	λ	
ВВ	5,331,412	07/19/1994	Farmer et al.	\bot / \setminus	
BB	5,886,730	03/23/1999	Tsosie		۱
BB	6,035,037	03/07/2000	Chaney		1
)B	6,035,038	03/07/2000	Campinos et al.		
₿В	6,069,647	05/30/2000	Sullivan et al.	II	
88	6,289,455	09/11/2001	Kocher et al.		
88	6,334,216	12/25/2001	Barth	/	,

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Name	Class	Sub Class
•					
				 	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

		<u>.</u>				
	·					
			,			
			 			
Examiner	LL	BLR		Date Considered 9/22	12005	



PATENT APPLICATION

Page 1 of 1 Customer No. 020991

Form PTO-1449	Serial Number 10/085,346	Docket PD- 200336
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant Cocchi et al.	
(Use several sheets if necessary)	Filing Date February 28, 2002	2131 2132

U.S. PATENT DOCUMENTS

- 16	Q
CENT	<i>J003</i>
 1683/	Ceuter 10
\$ 6.00 A	CBILL
Lechno.	
R	3ECEIVE

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Name	Class	Sub Class
 				ļ	<u> </u>
	 		· · · · · · · · · · · · · · · · · · ·	 	
			· · · · · · · · · · · · · · · · · · ·	 	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

BB		Michael Robin et al., <i>Digital Television Fundamentals</i> – Design And Installation Of Video And Audio Systems, McGraw-Hill, Chapter 8, title page(s) and pp. 345-425
Examiner & L	Br	Date Considered 9/22/05

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Inder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known bstitute for form 1449/PTO Application Number 10/085,346 . Filing Date February 28, 2002 的FORMATION DISCLOSURE First Named Inventor Cocchi, Ronald P. ATEMENT BY APPLICANT Art Unit 2132 (Use as many sheets as necessary) Barron Jr., Gilberto B. Blanda **Examiner Name** Attorney Docket Number PD-200336

Sheet

	U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		Number-Kind Code	 		1.9000.4700		
38		^{US-} 6,026,020			<u> </u>		
•		US-		-			
		US-					
		US-					
		US-					
		US-		-			
		US-	 	····			
		US-					
		US-		RI	CEIVED		
		US-					
		US-			AUG 2 4 2004		
		US-			1		
		US-		Tech	hology Center 2100		
		US-					
		US-					
		US-	<u> </u>		·		
		US-					
-		US-			<u> </u>		
		US-	 				

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY	•	Or Relevant Figures Appear	Τ°
BB		EP 0 851 358				
ВВ		EP 0 971 361				
βB		EP 0 984 403			·	
βB		EP 1 050 821				
BB		EP 1 085 516				
BB		EP 1 176 826				

Examiner		Date 1 1	
Signature	4 / 4 e	Considered 9/22/05	
Oignisture	12	Considered 11.207-3	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
U.S. Patent and U.S. DEPARTMENT OF COMMERCE
U.S. Patent and U.S. DEPARTMENT OF COMMERCE
U.S. DEP Complete if Known ubstitute for form 1449/PTO **Application Number** 10/085,346 February 28, 2002 Filing Date FORMATION DISCLOSURE Cocchi, Ronald P. First Named Inventor

Attorney Docket Number

ATEMENT BY APPLICANT (Use as many sheets as necessary)

AUS 1

Art Unit 2132 Barron Jr., Gilberto Examiner Name رالمستألأ

PD-200336

Examiner	Cito	Document Number	U. S. PATENT D	Name of Patentee or	Pages, Columns, Lines, Where
Examiner Initials*	Cite No.1	Number-Kind Code ^{2 (F known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
	<u> </u>	US-	1		
		US-			AFILED -
		US-		Kt	CEIVED
		US-			0.1C-0-4-2004
		US-			106 2 4 2004
		US-		Tochi	nology Center 2100
		US-			wingy deliter 2100
		US-			
		US-			·
-		ŲS-			
		US-			
		US-			

	FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	→
		Country Code ³ Number ⁴ Kind Code ⁸ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	1
ВВ		EP 1 074 906				
ВВ		WO 00 77717				
ВВ		WO 02 093332				
						_
						<u> </u>

Examiner Signature Bul	BIL	Date Considered	9/22/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Wind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO **Application Number** 10/085,346 Filing Date FORMATION DISCLOSURE February 28, 2002 EMENT BY APPLICANT **First Named Inventor** Cocchi, Ronald P. Art Unit 2132 18 2004 (Use as many sheets as necessary) **Examiner Name** Barren Jr., Oilberto B. Blandam **Attorney Docket Number** 3 PD-200336

	T	NON PATENT LITERATURE DOCUMENTS	ı
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
138		ARAKI, SHIGEO, "The Memory Stick", IEEE Micro, ISSN: 0272-1732, vol. 20, no. 4, July 2000 (2000-07)-August 2000 (2000-08), pages 40-46, XP002257044	
βВ		"Functional Model of a Conditional Access System", EBU Review- Technical, European Broadcasting Union. Brussels, Belgium, no. 266, 21 December 1995 (1995-12-21), pp. 64-77, XPO00559450.	
		RECEIVED	
		AUG 2 4 2004	
		Technology Center 2100	
		·	

Examiner	9 . R . 1	Date	9-72-05
Signature	Be been	Considered	4.85.02

[&]quot;EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is o place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03)
Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

&	Substitute for form 1449/PTO		C
AjA	EL: II	Application Number	Γ
			•

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number 10/085,346

Filing Date February 28, 2002

First Named Inventor Cocchi, Ronald P.

Art Unit 2132

Sheet 1 of 1 Attorney Docket Number PD-200336

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
<i>1</i> 38		KHOURI, OSAMA, et al., "Low Output Resistance Charge Pump for Flash Memory Programming", IEEE International Workshop on Memory Technology, Design and Testing (MTDT '01), San Jose, U.S.A.,	
	<u> </u>	RECEIVED	
		AUG 3:0 2004	
	:	Technology Center 2100	

Examiner	-n	Date	
Signature	Be Bu	Considered	9-22-05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of Information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: